

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
Jerry L. NADLER et al.)
Serial No. New - Div. of) Group Art Unit: To Be Assigned
Ser. No.08/945,744)
Filed: November 3, 1997) Examiner: To Be Assigned
)

For: HUMAN LEUKOCYTE 12-LIPOXYGENASE AND ITS
ROLE IN THE PATHOGENESIS OF DISEASE STATES

SUBMISSION OF FORMAL DRAWINGS


Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Attached hereto are twenty-four (24) sheets of formal
drawings to replace the twenty-three (23) sheets of informal
drawings filed with the subject application.

Respectfully submitted,

By


Martha Cassidy
Attorney for Applicants
Registration No. 44,066
ROTHWELL, FIGG, ERNST & MANBECK, p.c.
Suite 701-E, 555 13th Street, N.W.
Washington, D.C. 20004
Telephone: (202) 783-6040

Enclosures

00021-41002-60

FIG. 1A

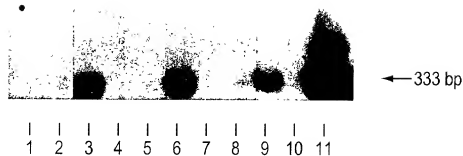


FIG. 1B

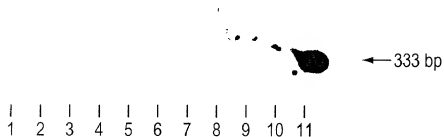
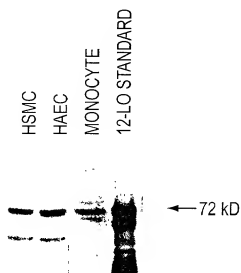


FIG. 2



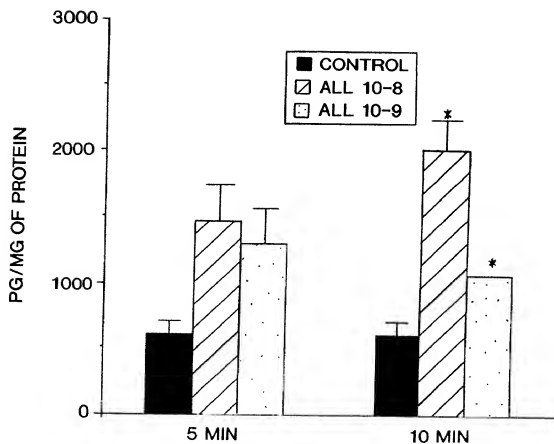


FIG. 3A

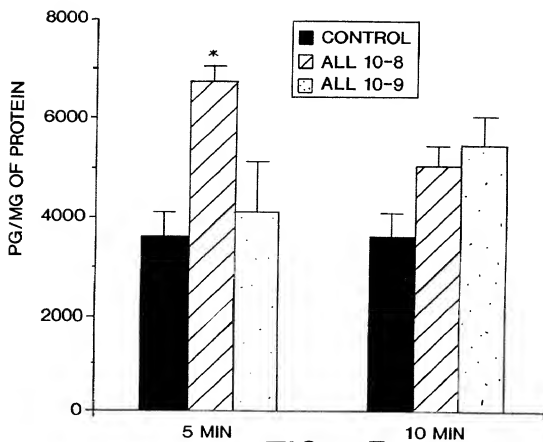


FIG. 3B

09739843.122000

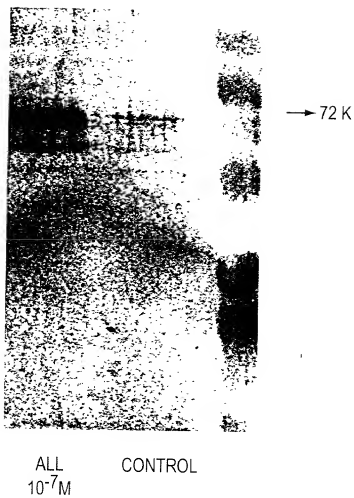


FIG. 4A

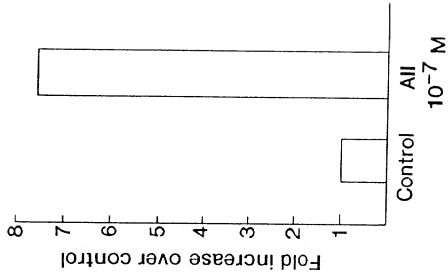


FIG. 4B

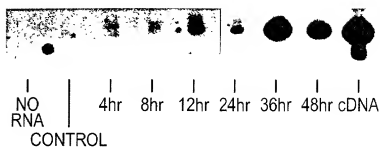


FIG. 5A

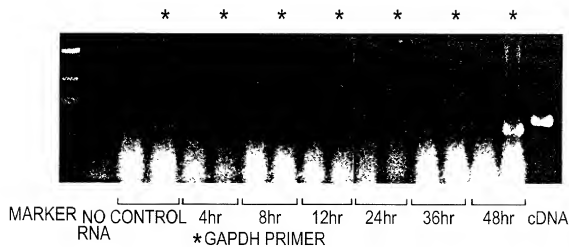


FIG. 5B

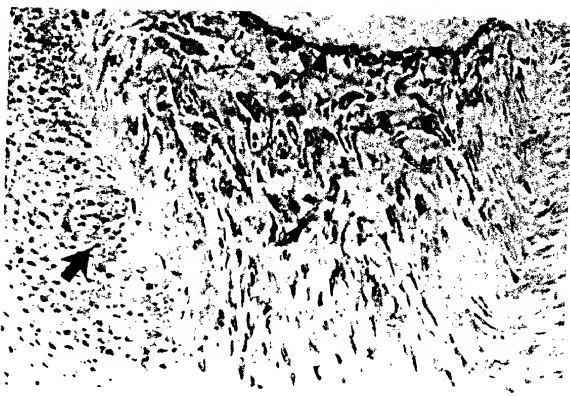


FIG. 6A



FIG. 6B

09739843.122000

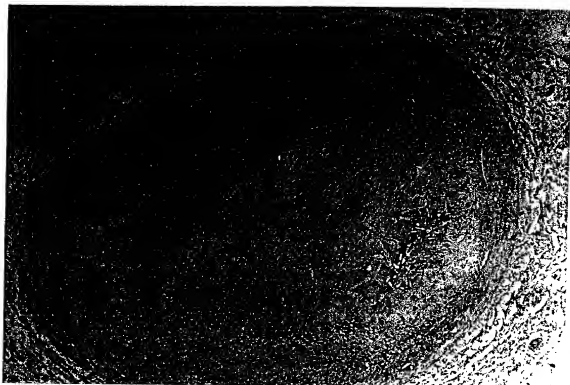


FIG. 7A

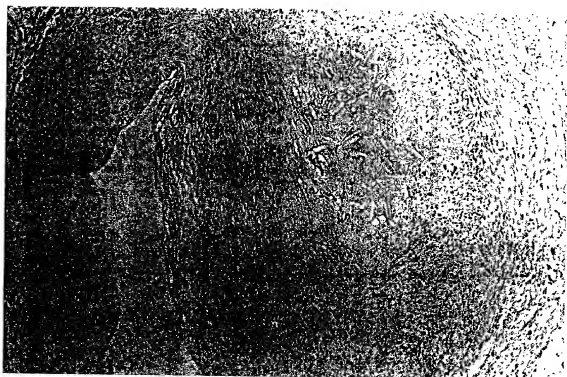


FIG. 7B

CONTROL
PDGF 10^{-10} M
PDGF 10^{-9} M



— 42 kD

FIG. 8

CONTROL
EGF (50 ng/ml)
12-HETE (10^{-7} M)



— 42 kD

FIG. 9

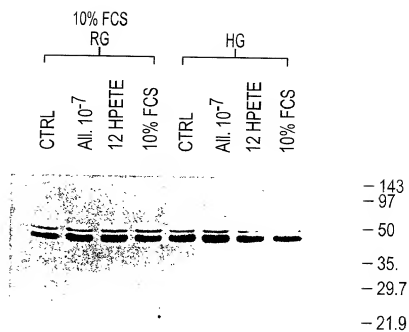


FIG. 10

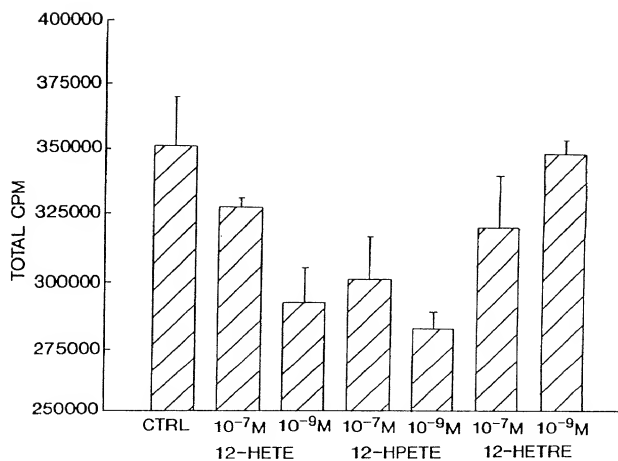


FIG. 11

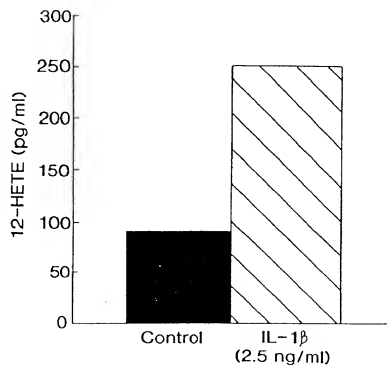


FIG. 13

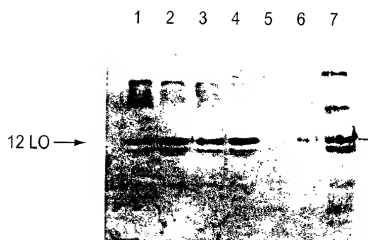


FIG. 12

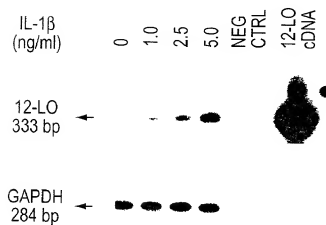


FIG. 14A



FIG. 14B



FIG. 14C

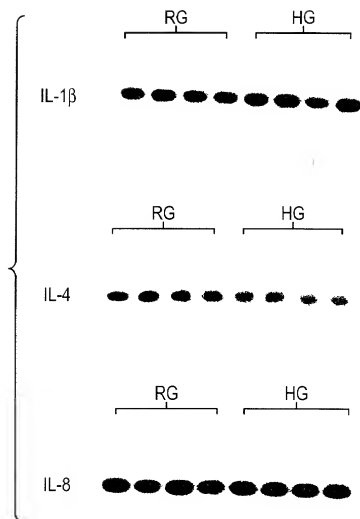
[illegible]

FIG. 15

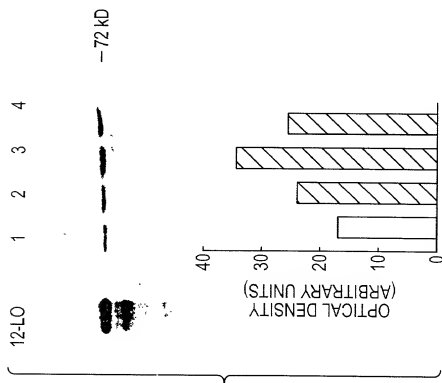


FIG. 16

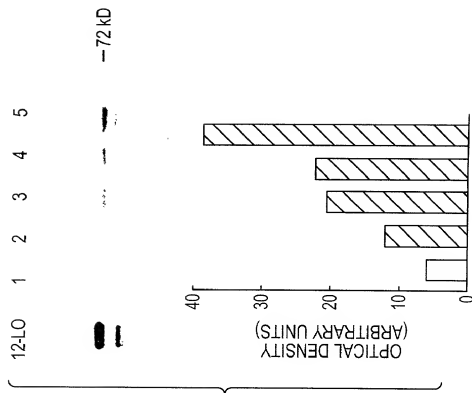


FIG. 17

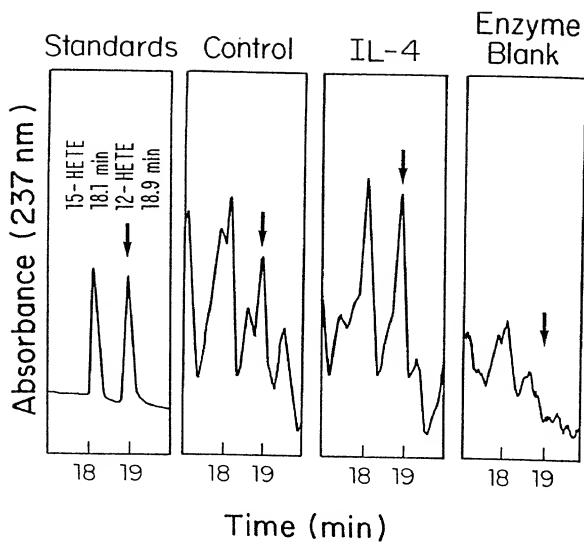


FIG. 18

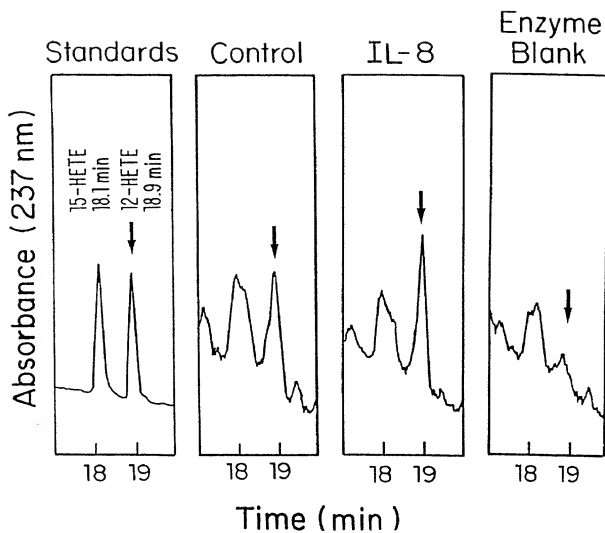


FIG. 19

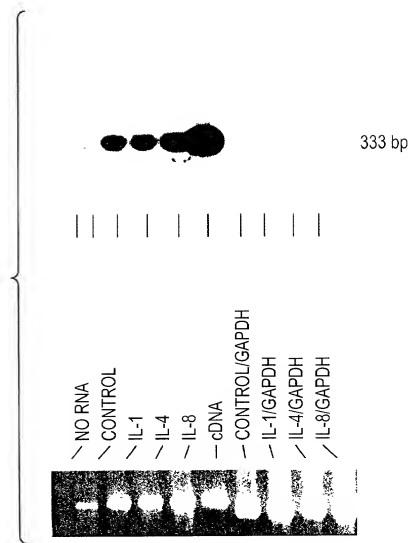


FIG. 20

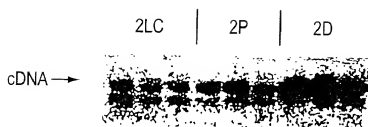


FIG. 21

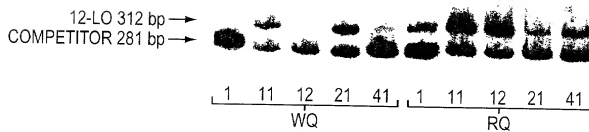
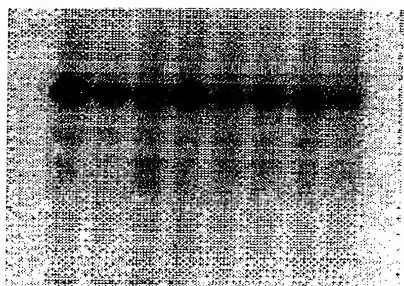


FIG. 22

1 2 3 4 5 6 7 8



↑ 5.5mM GLUCOSE ↑ 2.5mM GLUCOSE ↑ 2.5mM GLUCOSE PLUS BAICALEIN $10^{-6}M$

FIG. 23

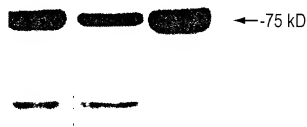


FIG. 26